DERWENT-ACC-NO: 2003-566145

DERWENT-WEEK: 200353



TITLE: Method of preparing aluminosilicate composite

INVENTOR: DORONIN V P; DUPLYAKIN V K ; KOLMAGOROV K V ; PARMON V N ; SOROKINA T P

PATENT-ASSIGNEE: AS SIBE CATALYSIS INST[ASIT]

PRIORITY-DATA: 2002RU-117845 (July 2, 2002)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE |
|---|---|---|
| RU 2205685 C1 | June 10, 2003 | RU |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|---|---|---|---|
| RU 2205685C1 | N/A | 2002RU-117845 | July 2, 2002 |

INT-CL-
CURRENT:

| TYPE | IPC DATE |
|---|---|
| CIPS | B01 J 21/04 20060101 |
| CIPS | B01 J 21/12 20060101 |
| CIPS | B01 J 21/16 20060101 |
| CIPS | B01 J 32/00 20060101 |

ABSTRACTED-PUB-NO: RU 2205685 C1

BASIC-ABSTRACT:

NOVELTY - High-strength high-porous aluminosilicate composites suitable as adsorbents and catalyst carriers are composed of montmorillonite and its sodium form and X- ray -amorphous thermally dispersed alumina and prepared by adding dry thermally dispersed alumina to suspension of pretreated with nitric acid hydrated montmorillonite and its sodium form followed by treating resulting mixture with nitric acid.

USE - Sorbents.

ADVANTAGE - Increased strength of material.

TITLE-TERMS: METHOD PREPARATION ALUMINOSILICATE COMPOSITE

DERWENT-CLASS: E33 J04

CPI-CODES: E31-P02; E31-P02C; J04-E03;

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: 2003-152581